

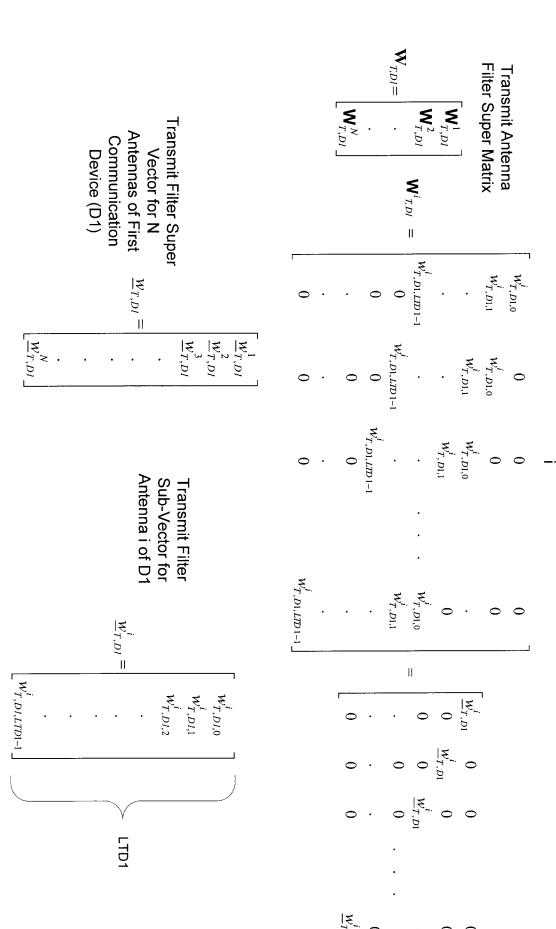
FIG. 2

$$\underline{h}^{\ddot{y}} = \left(h_0^{\ddot{y}}, h_1^{\ddot{y}}, ..., h_{L-1}^{\ddot{y}}\right)^T$$

Channel Response Vector

FIG. 3

## Transmit Filter Matrix for Antenna



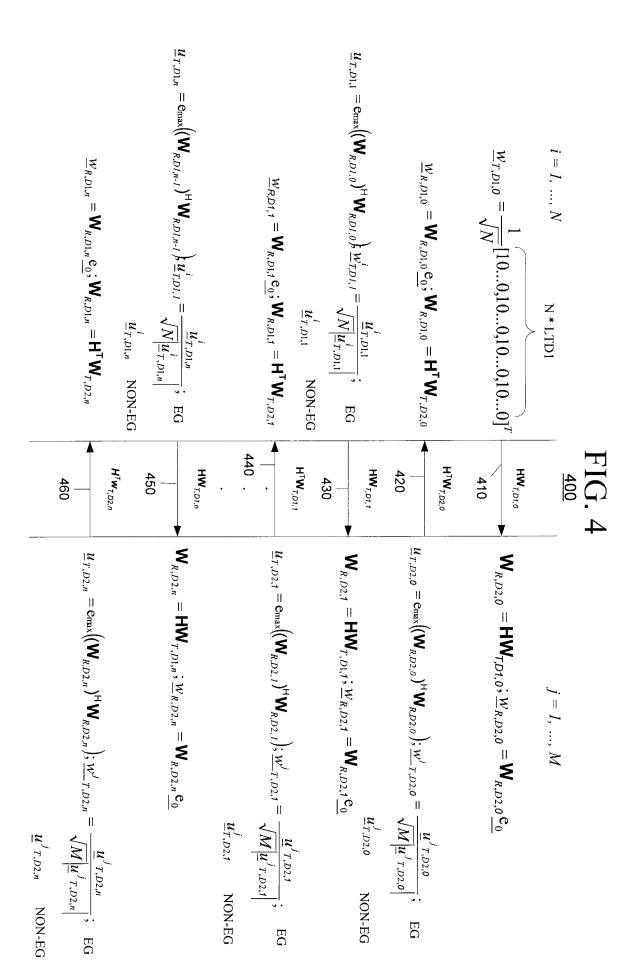
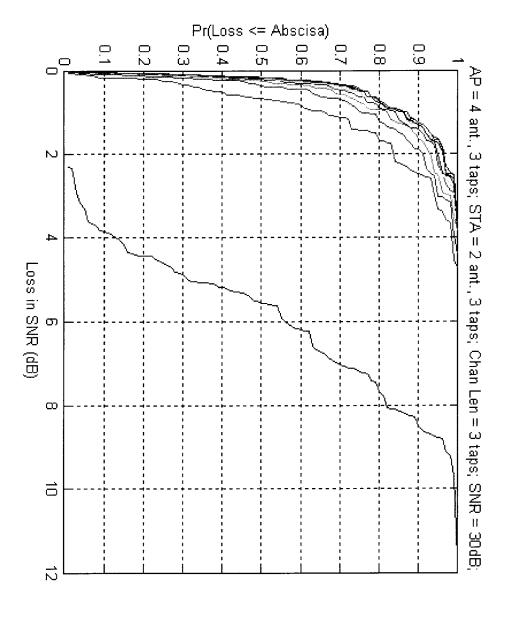


FIG. 5



Pr(loss < Abscisa) 0 0 0 4 0 0

0.8

9.0

0

<u>.</u>..

ω

0.2

0.3

1G. 6

Pr(loss < Abscisa) 0.4 0.5 0.5 0.9 0.3 0.8 Loss due to equal Tx power in, iterative case. SNR = 10dB 2 loss (dB) AP-to-STA STA-to-AP

FIG. 8

